

Title (en)  
PLASTIC REEL FOR A MAGNETIC TAPE INSIDE A CASSETTE

Publication  
**EP 0214005 B1 19900523 (FR)**

Application  
**EP 86401663 A 19860724**

Priority  
FR 8512422 A 19850814

Abstract (en)  
[origin: EP0214005A1] 1. In a reel made of plastics material for magnetic tape, individually prisoner of a cassette housing, comprising a hollow winding hub (1) of large diameter integral with a flange (3) extending from the periphery to a central hole (5) which flange presents on the outside a toothed ring (8) for drive in rotation and, on the inside substantially opposite this ring, a toothed track (9) for immobilization, and which is provided, from the central hole up to opposite said ring, with a reinforcing washer (10), preferably made of metal, the free edge (12) of the hub being in addition centred and fixed on a second flange (14) and the inner cavity (7) of said hub containing a neutralizable brake (16) normally held in engagement with said track and capable of being spaced apart therefrom by a push element (6) passing through the central hole of the first flange in question, the reel being characterized in that the second flange (14) comprises a coronal extension (18) extending towards the centre and imprisoning the brake (16) in said cavity (7) of the hub thus partly closed at its two ends being structured as a box and rigidifying the reel.

IPC 1-7  
**G11B 23/037**

IPC 8 full level  
**G11B 23/037** (2006.01)

CPC (source: EP)  
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Cited by  
US5868338A; WO9429864A1; EP0702829B1

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**EP 0214005 A1 19870311; EP 0214005 B1 19900523**; DE 3671561 D1 19900628; FR 2586319 A1 19870220; FR 2586319 B1 19871218

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